EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9	("6697111" "6535247" "5708836" "7511739" "7420603" "7382008").PN. "20060044437" "20040135070"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 13:51
L2	11	("20040041077" | "20050110884" | "20050110885" | "6166768" | "6307195" | "6486503" | "6667768" | "6850278" | "7015964" | "7259790" | "7271835"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 13:54
L3	4	("4851890" | "5122850" | "5476808" | "6351001"). PN. OR ("7420603"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 14:02
L4	3	("5818526" | "5898168" | "6043479").PN. OR ("7067792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 14:03
L27	1	09/929037	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 14:32
L28	9	("4839735" | "5471246" | "5623306" | "5986297" | "6166768" | "6667768" | "7002626").PN. OR ("7271835").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 14:48
L29	194	(scan$4 shift$3 driv$3) near5 (high$3 increas$3 fast$3 short$3) near5 (transfer$4 transmi$4) near5 (on hi rais$3 ramp$3 inclin$3 rise$1 rising$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 15:40
L30	228	(scan$4 shift$3 driv$3) near5 (higher highest increas$3 faster fastest shorter shortest) near5 (transfer$4 transmi$4) near5 (on hi pull$3 rais$3 ramp$3 inclin$3 rise$1 rising$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 15:50

L31	105	(scan$4 shift$3 driv$3) near5 (higher highest increas$3 faster fastest shorter shortest) near5 (transfer$4 transmi$4) near5 (on hi pullup (pull$3 near2 up) rais$3 ramp$3 inclin$3 rise$1 rising$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 15:52
L32	12799	(transfer$4 shift$3 transmi $4 tx$1 tfx$1 tfr$1 tr$1) with (inclin$3 rise$1 rais$3 rising pullup (pull$3 near2 up) hi on) with (different faster fastest shorter shortest longer longest increas$3 decreas$3 slower slowest minimiz$3 maximiz $3 higher highest) with (decline$1 fall$3 drop$5 down$3 tapper$4 revers$3 sink$4 reduc$4 decend$3 lower$4 lessen$4 lesser$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 16:09
L33	1683	348/308.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L34	697	348/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L35	152	348/304.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L36	132	348/307.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L37	32	348/309.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L38	154	348/310.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21

L39	1231	348/241.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L40	4699	250/208.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L41	7522	L34 L35 L36 L33 L37 L38 L39 L40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L42	420	348/243.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L43	104	348/248.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L44	93	348/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L45	160	348/250.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L46	291	348/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L47	215	348/252.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L48	202	358/513.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21

L49	61	250/214rc.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L50	1443	L42 L43 L44 L45 L46 L47 L48 L49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L51	8674	L41 L50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L52	16	32 and 51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:21
L53	16	52 and (transfer$4 shift$3 tx$1 tfx$1 tfr$1 tr$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 16:32
L54	10	("20020163584" | "20030016296" | "20040262679" | "20050017155" | "20050167704" | "20060146158" | "4878120" | "6864920" | "7022965" | "7110030"). PN. OR ("7554074"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 16:38
L55	18	("3845295" | "4954895"). PN. OR ("7110030"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 16:39

L56	48	("20020027189" | "20030164887" | "20040119864" | "20050122418" | "20050168618" | "20050174552" | "20050179796" | "20050185074" | "20050268960" | "20050269604" | "20060027843" | "20060043261" | "20060043393" | "20060043439" | "20060043440" | "20060044434" | "20060044439" | "20060157759" | "20060158539" | "20060158543" | "20060208161" | "20060208291" | "20060208292" | "20060221667" | "20070018080" | "20070085110" | "20070126886" | "5121225" | "5245203" | "5261013" | "5352920" | "5475211" | "5563405" | "5698892" | "6188094" | "6307195" | "6605850" | "6670990" | "6946637" | "6960751" | "6974975" | "7016089" | "7110030" | "7126102" | "7187052"). PN. OR ("7321110"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 16:42
L57	1	"20020027189"	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 17:01
L58	9	("2002/0027189").URPN.	USPAT	OR	ON	2009/12/17 17:03
L59	152	348/304.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 17:04
L60	104	59 and ((transfer$4 shift$3 tx$1 tfx$1 tfr$1 tr$1) near5 (speed tim$3 rise rising fall $3 transition gate on off))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 17:05

L61	1837	348/e3.018.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 17:16
L63	10771	(transfer$4 shift$3 transmi $4 tx$1 tfx$1 tfr$1 tr$1) with open$3 with (different faster fastest shorter shortest longer longest increas$3 decreas$3 slower slowest minimiz$3 maximiz $3 higher highest) with clos $3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/17 17:33
L64	10	63 and 51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 17:40
L65	2	63 and 61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/17 17:48
L68	149	((TORU) near2 (KOIZUMI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 18:10
L69	109	((TETSUNOBU) near2 (KOCHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 18:11
L70	4	("2002/0054390").URPN.	USPAT	OR	ON	2009/12/17 18:11
L71	20	("20010000068" | "20020054390" | "20030107669" | "20030117510" | "20030230763" | "20050052554" | "20050168605" | "20070176176" | "6518909" | "6633334" | "6653617" | "6757016" | "6788237" | "6809320" | "6831685" | "6839084" | "6850278" | "6952004" | "6963372" | "6965408"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 18:12
L72	89	((HIROKI) near2 (HIYAMA)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/17 18:12
S1	1673	348/308.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 15:20

S2	1228	S1 and transfer$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 15:22
S3	70	S1 and (transfer$4 near4 (speed$3 rate$1 velocit$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 15:25
S4	5	("6051857").PN. OR ("6946638").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 15:28
S5	7	("20020149688" | "20030179304" | "5278656" | "5856686" | "5998818").PN. OR ("6903771").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 15:29
S6	0	S5 and ((transfer$4 tx$1 tr $1) near4 (speed$3 rate$1 velocit$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 15:35
S7	3	S5 and ((transfer$4 tx$1 tr $1) near4 (speed$3 rate$1 velocit$3 tim$3 period$1 interval$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 15:35
S8	693	348/302.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S9	152	348/304.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S10	132	348/307.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S11	32	348/309.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S12	154	348/310.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33

S13	1226	348/241.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S14	4690	250/208.1.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S15	7495	S8 S9 S10 S1 S11 S12 S13 S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 16:33
S16	367	(transfer$4 shift$3) same ((response near5 (tim$3 interval duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:34
S17	1976	(transfer$4 shift$3) same (((transition response) near5 (speed$1 velocit$3 rate$1 ns tim$3 interval duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:40
S18	5104	(transfer$4 shift$3) same (((chang$3 conver$4 transition response) near5 (speed$1 velocit$3 rate$1 ns tim$3 interval duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:42
S19	5598	(transfer$4 shift$3) same (((chang$3 conver$4 transition response) near5 (speed$1 velocit$3 rate$1 ns second$1 microsecond $1 microsec$1 tim$3 interval duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:43
S20	36	S15 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 16:44

S21	3353	(transfer$4 shift$3) same ((((fall$3 drop$4 conver$4 transition response) near5 (speed$1 velocit$3 rate$1 ns second$1 microsecond $1 microsec$1 tim$3 interval duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:04
S22	419	348/243.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S23	104	348/248.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S24	93	348/249.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S25	160	348/250.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S26	291	348/251.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S27	215	348/252.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:06
S28	202	358/513.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:08
S29	61	250/214rc.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:10

S30	1442	S22 S23 S24 S25 S26 S27 S28 S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:11
S31	8647	S15 S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/12/08 17:11
S32	5457	(transfer$4 shift$3 fd (float$3 near2 diffusion$1) tx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual) same ((((fall$3 drop$4 conver$4 transition response) near5 (speed$1 velocit$3 rate$1 ns second$1 microsecond$1 microsec$1 tim$3 interval duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:14
S33	42	S31 and S32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:15
S34	5478	(transfer$4 shift$3 fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual) same ((((fall$3 drop$4 conver$4 transition response) near5 (speed$1 velocit$3 rate$1 ns second$1 microsecond$1 microsec$1 tim$3 interval duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:20

S35	9760	(transfer$4 shift$3 fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual) same ((((fall$3 rise$1 rising$2 elevat$4 declin$3 inclin$3 exponential$2 drop$4 transition$3 response$1) with (speed$1 velocit$3 rate$1 ns second$1 microsecond$1 microsec$1 tim$3 interval$1 rang$3 duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:44
S36	1827	S35 and ((transfer$4 shift$3) with (fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:46
S37	138	S35 and ((sensor$1 pixel$1 paxel$1 pel$1 photodiode$1 cmos ccd photoelectric$4 photo photocell$1) with (transfer$4 shift$3) with (fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 17:47
S38	8	fall with speed with low with residual	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:33
S39	527	(transfer$4 shift$3 fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual) same ((((fall$3 rise$1 rising$2 elevat$4 declin$3 inclin$3 exponential$2 drop$4) with (transition$3 response$1) with (speed$1 velocit$3 rate$1 ns second$1 microsecond$1 microsec$1 tim$3 interval$1 rang$3 duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:42

S40	1053	(transfer$4 shift$3 fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual) same ((((fall$3 slow$3 long$3 fast$3 short$3 rise$1 rising$2 elevat$4 declin$3 inclin$3 exponential$2 drop$4) with (transition$3 response$1) with (speed$1 velocit$3 rate$1 ns second$1 microsecond$1 microsec$1 tim$3 interval$1 rang$3 duration clock$3 period)) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:43
S41	17	S40 and ((sensor$1 pixel$1 paxel$1 pel$1 photodiode$1 cmos ccd photoelectric$4 photo photocell$1) with (transfer$4 shift$3) with (fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:43
S42	46165	(transfer$4 shift$3 fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual) same (pull$3 near2 (down up))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:54
S43	273	S42 and ((sensor$1 pixel$1 paxel$1 pel$1 photodiode$1 cmos ccd photoelectric$4 photo photocell$1) with (transfer$4 shift$3) with (fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:54
S44	2004	(transfer$4 shift$3 fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual) same ((gradual$2 (bit adj1 bit) (step adj1 step) intermediate mid midway middle slow$3 long$3 speed$1 velocit$3 rate$1) with (pull$3 near2 down))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:58

S45	33	S44 and ((sens$3 pixel$1 paxel$1 pel$1 photodiode $1 cmos ccd photoelectric $4 photo photocell$1) with (transfer$4 shift$3) with (fd (float$3 near2 diffusion $1) txfer$1 mt$1 xfer$1 tx $1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residu $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 18:59
S46	2093	(transfer$4 shift$3 fd (float $3 near2 diffusion$1) txfer $1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residual) same (((gradual$2 (bit adj1 bit) (step adj1 step) intermediate mid midway middle slow$3 long$3 interval$1 rang$3 period$1 speed$1 velocit$3 rate$1) with (duration transition$2) with ((low near3 high) (off near3 on)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 19:22
S47	28	S46 and ((sens$3 pixel$1 paxel$1 pel$1 photodiode $1 cmos ccd photoelectric $4 photo photocell$1) with (transfer$4 shift$3) with (fd (float$3 near2 diffusion $1) txfer$1 mt$1 xfer$1 tx $1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1 residu $3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 19:22
S48	6	("4749882" | "5317206" | "5568081" | "6177819"). PN. OR ("6351148"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:27
S49	10	("4728802" | "4945419" | "5160836").PN. OR ("5376782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:34
S50	19	("20030103153" | "20030133625" | "20030227018" | "20040036008" | "20040174450" | "5376782" | "5576763" | "6384394" | "6566697" | "6667768" | "6721464" | "6727946" | "6777660"). PN. OR ("6958776"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:38

S51	3	("5818526" | "5898168" | "6043479").PN. OR ("7067792").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/08 19:58
S52	473679	(transfer$4 shift$3 fd (float$3 near2 diffusion$1) txfer$1 mt$1 xfer$1 tx$1 trfx$1 trx$1 txf$1 tr$1 drain capacitor$1) same (lag$4 resid$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/08 20:38
S53	0	(11/573069 11/659419 11/672119 11/673366).PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/09 12:52
S54	4	(11/573069 11/659419 11/672119 11/673366)	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/09 12:52

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L66	0	(transfer$4 and (control$4 driv$3 gate$1 circuit$2 transistor$1 switch$3) and fall and speed and chang$3 and second and level and first and slower and rise).clm.	USPAT; UPAD	OR	ON	2009/12/17 17:59
L67	0	((pixel imag$3 photoelectric photodiode photogate photo) and transfer$4 and (control$4 driv$3 gate$1 circuit$2 transistor$1 switch$3) and (decreas$3 drop$4 declin$3 fall$3 off clos$3) and (tim$3 rate$1 interval$1 period speed) and (transition$3 chang$3) and (on (second near2 level)) and (off (first near2 level)) and (slower longer) and (faster rise)).clm.	USPAT; UPAD	OR	ON	2009/12/17 18:09

12/17/2009 6:22:36 PM
C:\Documents and Settings\cquiett\My Documents\EAST\Workspaces\09929037d.wsp